

SEQUENCE LISTING

<110> The Queen Elizabeth Hospital
 <120> Methods for regulating cancer
 <130> 03 1348 7262
 <160> 13
 <170> PatentIn version 3.2

<210> 1
 <211> 984
 <212> PRT
 <213> Homo sapiens
 <400> 1

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			20					25					30		
Val	Thr	Phe	Pro	Gln	Val	Asp	Gly	Trp	Glu	Glu	Leu	Ser	Gly	Leu	Asp
		35					40						45		
Glu	Glu	Gln	His	Ser	Val	Arg	Thr	Tyr	Glu	Val	Cys	Asp	Val	Gln	Arg
	50					55					60				
Ala	Pro	Gly	Gln	Ala	His	Trp	Leu	Arg	Thr	Gly	Trp	Val	Pro	Arg	Arg
65					70					75				80	
Gly	Ala	Val	His	Val	Tyr	Ala	Thr	Leu	Arg	Phe	Thr	Met	Leu	Glu	Cys
			85						90					95	
Leu	Ser	Leu	Pro	Arg	Ala	Gly	Arg	Ser	Cys	Lys	Glu	Thr	Phe	Thr	Val
			100					105						110	

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Phe Tyr Tyr Glu Ser Asp Ala Asp Thr Ala Thr Ala Leu Thr Pro Ala
 115 120 125
 Trp Met Glu Asn Pro Tyr Ile Lys Val Asp Thr Val Ala Ala Glu His
 130 135 140
 Leu Thr Arg Lys Arg Pro Gly Ala Glu Ala Thr Gly Lys Val Asn Val
 145 150 155 160
 Lys Thr Leu Arg Leu Gly Pro Leu Ser Lys Ala Gly Phe Tyr Leu Ala
 165 170 175
 Phe Gln Asp Gln Gly Ala Cys Met Ala Leu Leu Ser Leu His Leu Phe
 180 185 190
 Tyr Lys Lys Cys Ala Gln Leu Thr Val Asn Leu Thr Arg Phe Pro Glu
 195 200 205
 Thr Val Pro Arg Glu Leu Val Val Pro Val Ala Gly Ser Cys Val Val
 210 215 220
 Asp Ala Val Pro Ala Pro Gly Pro Ser Pro Ser Leu Tyr Cys Arg Glu
 225 230 235 240
 Asp Gly Gln Trp Ala Glu Gln Pro Val Thr Gly Cys Ser Cys Ala Pro
 245 250 255
 Gly Phe Glu Ala Ala Glu Gly Asn Thr Lys Cys Arg Ala Cys Ala Gln
 260 265 270
 Gly Thr Phe Lys Pro Leu Ser Gly Glu Gly Ser Cys Gln Pro Cys Pro
 275 280 285
 Ala Asn Ser His Ser Asn Thr Ile Gly Ser Ala Val Cys Gln Cys Arg
 290 295 300
 Val Gly Tyr Phe Arg Ala Arg Thr Asp Pro Arg Gly Ala Pro Cys Thr
 305 310 315 320
 Thr Pro Pro Ser Ala Pro Arg Ser Val Val Ser Arg Leu Asn Gly Ser
 325 330 335

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Ser Leu His Leu Glu Trp Ser Ala Pro Leu Glu Ser Gly Gly Arg Glu
 340 345 350
 Asp Leu Thr Tyr Ala Leu Arg Cys Arg Glu Cys Arg Pro Gly Gly Ser
 355 360 365
 Cys Ala Pro Cys Gly Gly Asp Leu Thr Phe Asp Pro Gly Pro Arg Asp
 370 375 380
 Leu Val Glu Pro Trp Val Val Val Arg Gly Leu Arg Pro Asp Phe Thr
 385 390 395 400
 Tyr Thr Phe Glu Val Thr Ala Leu Asn Gly Val Ser Ser Leu Ala Thr
 405 410 415
 Gly Pro Val Pro Phe Glu Pro Val Asn Val Thr Thr Asp Arg Glu Val
 420 425 430
 Pro Pro Ala Val Ser Asp Ile Arg Val Thr Arg Ser Ser Pro Ser Ser
 435 440 445
 Leu Ser Leu Ala Trp Ala Val Pro Arg Ala Pro Ser Gly Ala Val Leu
 450 455 460
 Asp Tyr Glu Val Lys His Glu Lys Gly Ala Glu Gly Pro Ser Ser Val
 465 470 475 480
 Arg Phe Leu Lys Thr Ser Glu Asn Arg Ala Glu Leu Arg Gly Leu Lys
 485 490 495
 Arg Gly Ala Ser Tyr Leu Val Gln Val Arg Ala Arg Ser Glu Ala Gly
 500 505 510
 Tyr Gly Pro Phe Gly Gln Glu His His Ser Gln Thr Gln Leu Asp Glu
 515 520 525
 Ser Glu Gly Trp Arg Glu Gln Leu Ala Leu Ile Ala Gly Thr Ala Val
 530 535 540
 Val Gly Val Val Leu Val Leu Val Val Ile Val Val Ala Val Leu Cys
 545 550 555 560

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Leu Arg Lys Gln Ser Asn Gly Arg Glu Ala Glu Tyr Ser Asp Lys His
 565 570 575
 Gly Gln Tyr Leu Ile Gly His Gly Thr Lys Val Tyr Ile Asp Pro Phe
 580 585 590
 Thr Tyr Glu Asp Pro Asn Glu Ala Val Arg Glu Phe Ala Lys Glu Ile
 595 600 605
 Asp Val Ser Tyr Val Lys Ile Glu Glu Val Ile Gly Ala Gly Glu Phe
 610 615 620
 Gly Glu Val Cys Arg Gly Arg Leu Lys Ala Pro Gly Lys Lys Glu Ser
 625 630 635 640
 Cys Val Ala Ile Lys Thr Leu Lys Gly Gly Tyr Thr Glu Arg Gln Arg
 645 650 655
 Arg Glu Phe Leu Ser Glu Ala Ser Ile Met Gly Gln Phe Glu His Pro
 660 665 670
 Asn Ile Ile Arg Leu Glu Gly Val Val Thr Asn Ser Met Pro Val Met
 675 680 685
 Ile Leu Thr Glu Phe Met Glu Asn Gly Ala Leu Asp Ser Phe Leu Arg
 690 695 700
 Leu Asn Asp Gly Gln Phe Thr Val Ile Gln Leu Val Gly Met Leu Arg
 705 710 715 720
 Gly Ile Ala Ser Gly Met Arg Tyr Leu Ala Glu Met Ser Tyr Val His
 725 730 735
 Arg Asp Leu Ala Ala Arg Asn Ile Leu Val Asn Ser Asn Leu Val Cys
 740 745 750
 Lys Val Ser Asp Phe Gly Leu Ser Arg Phe Leu Glu Glu Asn Ser Ser
 755 760 765
 Asp Pro Thr Tyr Thr Ser Ser Leu Gly Gly Lys Ile Pro Ile Arg Trp
 770 775 780

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Thr Ala Pro Glu Ala Ile Ala Phe Arg Lys Phe Thr Ser Ala Ser Asp
 785 790 795 800
 Ala Trp Ser Tyr Gly Ile Val Met Trp Glu Val Met Ser Phe Gly Glu
 805 810 815
 Arg Pro Tyr Trp Asp Met Ser Asn Gln Asp Val Ile Asn Ala Ile Glu
 820 825 830
 Gln Asp Tyr Arg Leu Pro Pro Pro Pro Asp Cys Pro Thr Ser Leu His
 835 840 845
 Gln Leu Met Leu Asp Cys Trp Gln Lys Asp Arg Asn Ala Arg Pro Arg
 850 855 860
 Phe Pro Gln Val Val Ser Ala Leu Asp Lys Met Ile Arg Asn Pro Ala
 865 870 875 880
 Ser Leu Lys Ile Val Ala Arg Glu Gly Gly Ala Ser His Pro Leu Leu
 885 890 895
 Asp Gln Arg Gln Pro His Tyr Ser Ala Phe Gly Ser Val Gly Glu Trp
 900 905 910
 Leu Arg Ala Ile Lys Met Gly Arg Tyr Glu Glu Ser Phe Ala Ala Ala
 915 920 925
 Gly Phe Gly Ser Phe Glu Leu Val Ser Gln Ile Ser Ala Glu Asp Leu
 930 935 940
 Leu Arg Ile Gly Val Thr Leu Ala Gly His Gln Lys Lys Ile Leu Ala
 945 950 955 960
 Ser Val Gln His Met Lys Ser Gln Ala Lys Pro Gly Thr Pro Gly Gly
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 Thr Gly Gly Pro Ala Pro Gln Tyr
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<210> 2

<211> 25

<212> PRT

<213> Homo sapiens

<400> 2

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Val Pro Val Ala Gly Ser Cys Val Val

20 25

<210> 3

<211> 25

<212> PRT

<213> Homo sapiens

<400> 3

Gly Ser Cys Val Val Asp Ala Val Pro Ala Pro Gly Pro Ser Pro Ser

1 5 10 15

Leu Tyr Cys Arg Glu Asp Gly Gln Trp

20 25

<210> 4

<211> 25

<212> PRT

<213> Homo sapiens

<400> 4

Glu Asp Gly Gln Trp Ala Glu Gln Pro Val Thr Gly Cys Ser Cys Ala

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Pro Gly Phe Glu Ala Ala Glu Gly Asn			
	20	25	

<210> 5

<211> 25

<212> PRT

<213> Homo sapiens

<400> 5

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Lys Pro Leu Ser Gly Glu Gly Ser Cys

20	25
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<210> 6

<211> 25

<212> PRT

<213> Homo sapiens

<400> 6

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Ile Gly Ser Ala Val Cys Gln Cys Arg

20	25
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<210> 7

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<211> 25

<212> PRT

<213> Homo sapiens

<400> 7

Val Cys Gln Cys Arg Val Gly Tyr Phe Arg Ala Arg Thr Asp Pro Arg

1 5 10 15

Gly Ala Pro Cys Thr Thr Pro Pro Ser

20 25

<210> 8

<211> 8

<212> PRT

<213> Homo sapiens

<400> 8

Ala Gly Ser Cys Val Val Asp Ala

1 5

<210> 9

<211> 10

<212> PRT

<213> Homo sapiens

<400> 9

Val Ala Gly Ser Cys Val Val Asp Ala Val

1 5 10

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<210> 10

<211> 16

<212> PRT

<213> Homo sapiens

<400> 10

Leu Val Val Pro Val Ala Gly Ser Cys Val Val Asp Ala Val Pro Ala

1 5 10 15

<210> 11

<211> 25

<212> PRT

<213> Homo sapiens

<400> 11

Ala Gly Ser Cys Val Val Asn Ala Val Pro Ala Pro Gly Pro Ser Pro

1 5 10 15

Ser Leu Tyr Cys Arg Glu Asp Gly Gln

20 25

<210> 12

<211> 25

<212> PRT

<213> Homo sapiens

<400> 12

Ala Gly Ser Cys Val Val Asp Ala Val Pro Ala Pro Gly Pro Ser Pro

1 5 10 15

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Ser Leu Tyr Cys Arg Glu Asp Gly Gln

20

25

<210> 13

<211> 5

<212> PRT

<213> Homo sapiens

<400> 13

Gly Ser Cys Val Val

1

5